

To: Razzazian, Christopher[Razzazian.Christopher@epa.gov]
From: Ostendorf, Jody
Sent: Mon 2/22/2016 9:16:15 PM
Subject: U&O Indian Reservation air quality
Ute BC Talking Points Reservation Spec FIP 2-2-16.docx

Hi Christopher,

Attached are our most recent talking points for tribal consultation on the FIP. Page 3 includes recent monitoring/air quality information. Below is information that Richard sent out about the inversion and high ozone levels last week.

Is this what you're looking for?

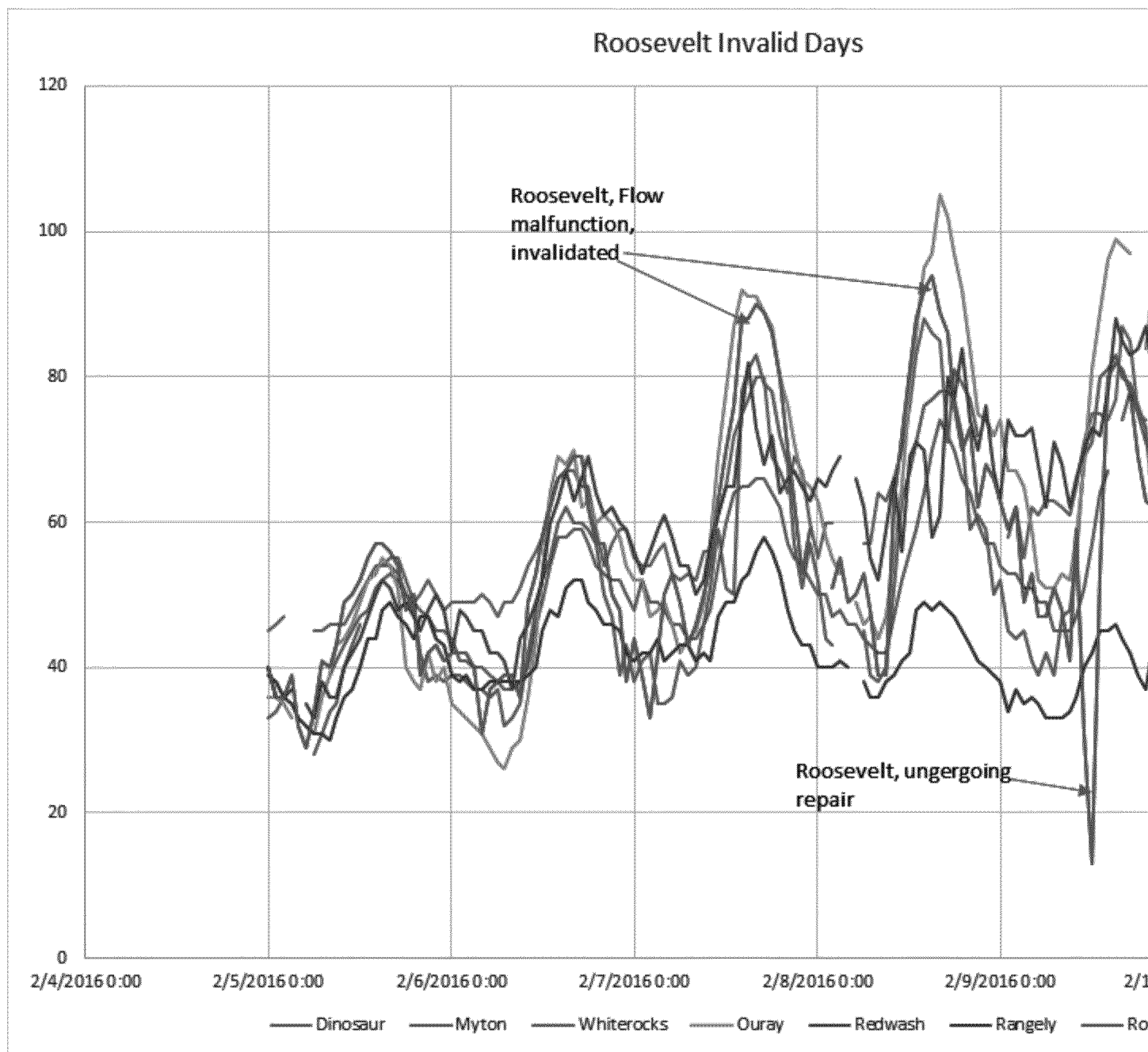
If no, please let me know ...

Jody

Email from Richard Payton about the revised DV for the Roosevelt monitor:

Just got off the phone with Bo and Brock; they had concerns that Utah State Univ. Brigham Energy Center is saying that the 2014-2016 ozone design value for Ouray will be above the marginal/moderate NAA threshold. I confirmed that my preliminary number for Ouray is 81; they recommended we all work together to not prematurely call the Uinta Basin a moderate area before the classification threshold is published and the data are validated.

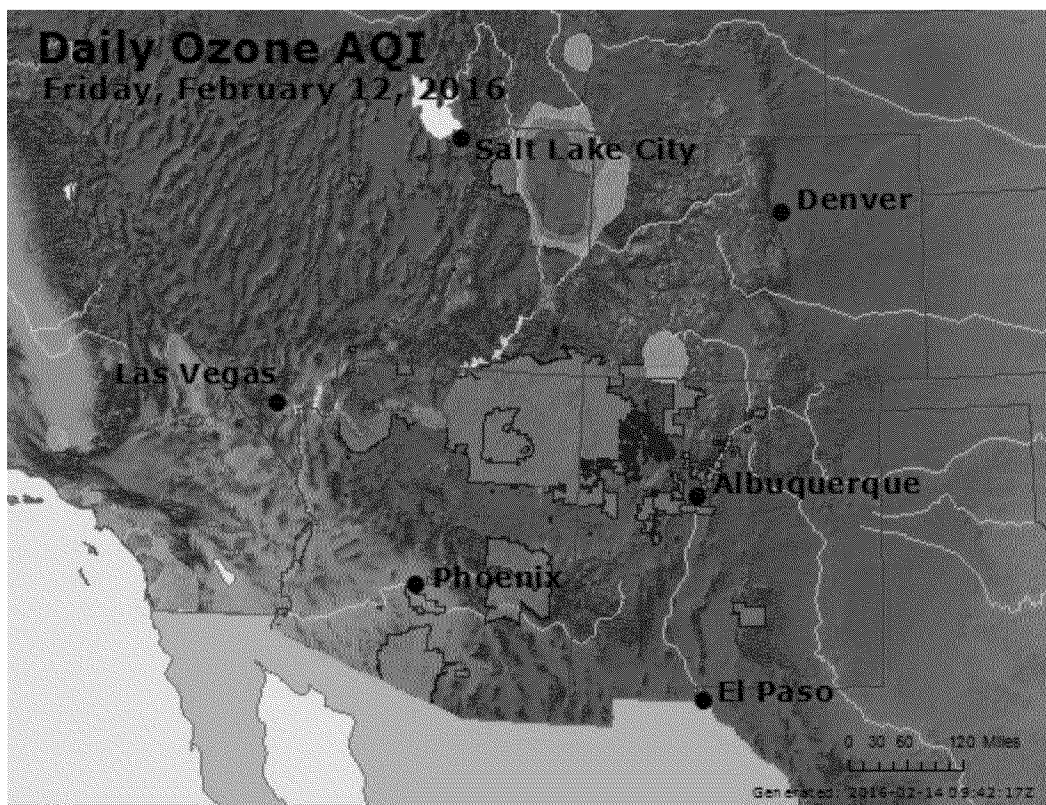
During the conversation, they let me know that the Roosevelt ozone monitor malfunctioned February 6, was not operating correctly Feb. 7 and 8, and was repaired Feb. 9. They will invalidate the current 4th and 5th maxima on those day, and the revised 4th max for 2016 will be 81 ppb instead of 84 ppb. This would reduce the Roosevelt 2014-2016 DV from 68.7 ppb to 67.7 ppb.



Email from Richard about the NAAQS exceedances last week:

Preliminary (not QC'd) NAAQS exceedances February 12-16; red indicates the Unhealthy AQI Category, purple indicated Very Unhealthy. For reference, highest 8-hour ozone in Los Angeles in 2014 was 102 ppb, and was 107 ppb in 2015.

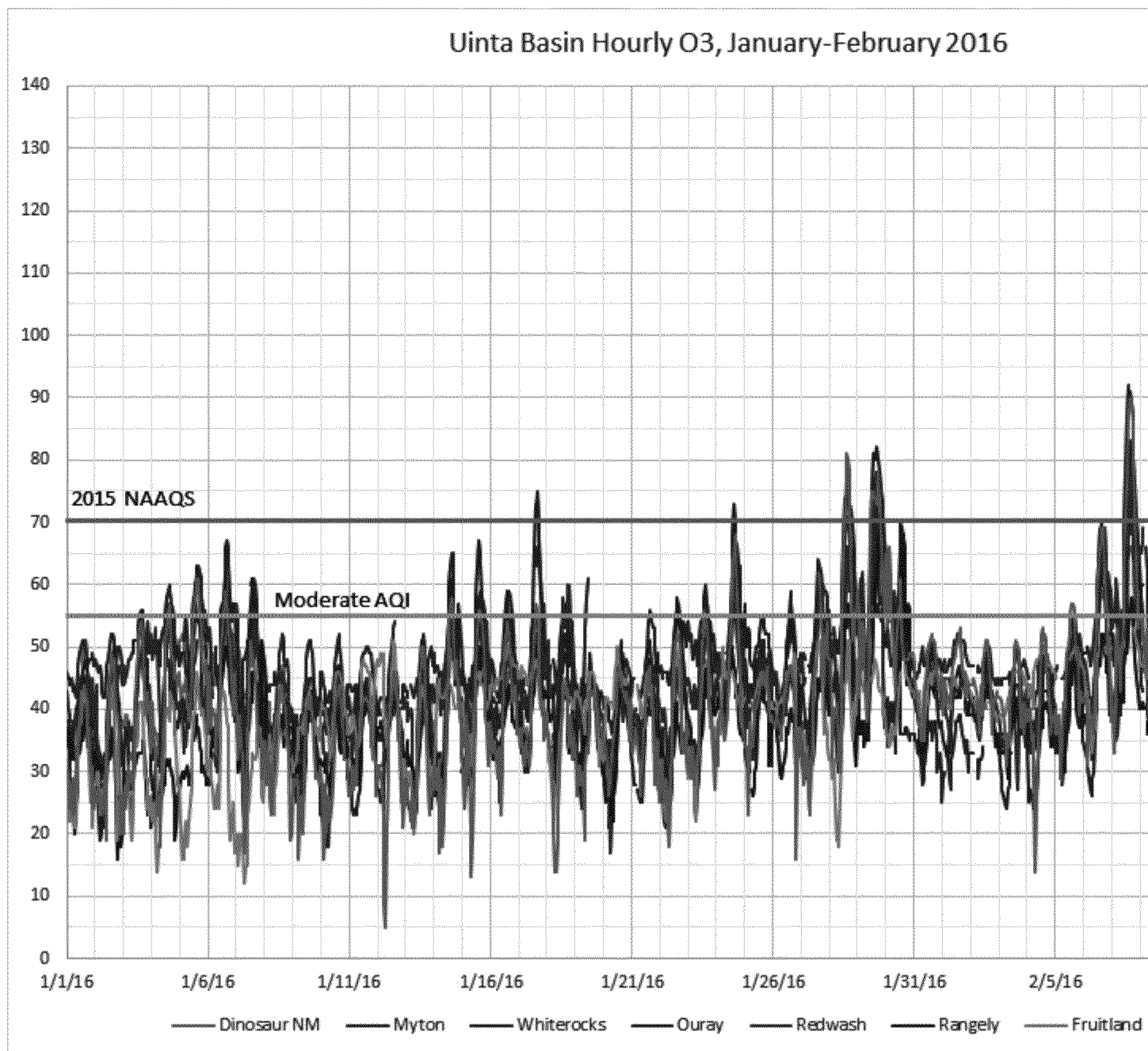
Site	2/12/16 8-hr	2/13/16 8-hr	2/14/16 8-hr	2/15/16 8-hr	2/16/16 8-hr
	Ozone	Ozone	Ozone	Ozone	Ozone
Ouray	120 ppb	107 ppb	85 ppb	71 ppb	66 ppb
Redwash	96 ppb	87 ppb	56 ppb	40 ppb	46 ppb
Myton	92 ppb	95 ppb	61 ppb	41 ppb	48 ppb
Whiterocks	86 ppb	80 ppb	66 ppb	45 ppb	46 ppb
Roosevelt	94 ppb	96 ppb	71 ppb	46 ppb	46 ppb
Dinosaur NM	80 ppb	83 ppb	67 ppb	48 ppb	44 ppb



One Hour ozone reached 132 ppb at Ouray at 5 pm on February 12.

Preliminary (not QC'd/certified) Uinta Basin Regulatory 4th maxes for 2016 and Design Values, 2014-2016 (NAAQS is attained if ≤ 70 ppb); the four sites operated by the Ute Indian Tribe all have preliminary NAAQS violations for 2014-2016. Roosevelt, operated by the Utah DEQ does not, but that is primarily because most June 2014 ozone data from Roosevelt was invalidated due to failed biweekly QC checks.

Site	Preliminary 2016 4 th High	2014-2016 Prelim. DV
Ouray	96 ppb	81.0 ppb
Myton	85 ppb	72.7 ppb
Whiterocks	81 ppb	71.0 ppb
Redwash	83 ppb	71.0 ppb
Roosevelt	84 ppb	68.7 ppb
Dinosaur NM	75 ppb	69.3 ppb
Rangely, CO	59 ppb	62.3 ppb



Below is a format that has been provided for senior management briefs; I have brought it up to date, and added color corresponding to the AQI colors.

Green: Good AQI

Yellow: Moderate AQI

Orange: Unhealthy for Sensitive Groups AQI

Red: Unhealthy AQI

Purple: Very Unhealthy AQI

2016 Uinta Basin Ozone Exceedances to date (ppb)						
Monitor	Ouray	Myton	Redwash	Whiteroc	Roosevelt	Dinosaur
Operator	Tribal	Tribal	Tribal	Tribal	Utah DEQ	NPS
1/28/2016	73	69	62	67	73	61
1/29/2016	79	56	72	64	74	65
2/7/2016	86	74	70	73	83	64
2/8/2016	94	74	73	81	84	67
2/9/2016	94	77	83	78	71	71
2/10/2016	101	85	83	81	88	75
2/11/2016	96	85	94	85	81	77
2/12/2016	120	92	96	86	94	80
2/13/2016	107	95	87	80	96	83
2/14/2016	85	61	56	66	71	67
2/15/2016	71	41	40	45	46	48
2/16/2016	66	48	46	46	46	44

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